

Title (en)
VAPORIZATION SYSTEM FOR DELIVERY IN A CONTROLLED CONCENTRATION

Title (de)
VERDAMPFUNGSSYSTEM ZUR ABGABE IN EINER KONTROLLIERTEN KONZENTRATION

Title (fr)
SYSTÈME DE VAPORISATION POUR ADMINISTRATION À UNE CONCENTRATION CONTRÔLÉE

Publication
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Application
EP 23197388 A 20180607

Priority

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- US 2018036412 W 20180607
- US 201762516973 P 20170608

Abstract (en)
Devices for delivering a controlled concentration of an agent are provided. The device includes a reservoir for the agent and a flow control portion operably connected to the reservoir. The device also includes a valve for releasing the agent from the flow control portion and a pump for flowing air to mix with the agent released by the valve and for flowing the agent and air mixture out of the device. Methods of delivering a vaporized agent to a subject are also provided. The methods include storing a liquid agent in a reservoir of a device and flowing the agent into a flow control chamber to change the agent to a gas. The methods also include mixing the agent in gas form with air and flowing the agent and air mixture out of the device to be delivered to a subject.

IPC 8 full level
A61M 16/06 (2006.01)

CPC (source: CN EP US)
A61M 11/042 (2014.02 - CN); **A61M 16/0057** (2013.01 - CN US); **A61M 16/0066** (2013.01 - CN US); **A61M 16/0069** (2014.02 - CN); **A61M 16/01** (2013.01 - CN); **A61M 16/022** (2017.08 - CN); **A61M 16/024** (2017.08 - CN); **A61M 16/0666** (2013.01 - CN); **A61M 16/1075** (2013.01 - CN EP US); **A61M 16/109** (2014.02 - CN US); **A61M 16/125** (2014.02 - CN EP US); **A61M 16/204** (2014.02 - CN US); **A61M 11/042** (2014.02 - EP US); **A61M 16/0057** (2013.01 - EP); **A61M 16/0069** (2014.02 - EP); **A61M 16/01** (2013.01 - EP); **A61M 16/022** (2017.08 - US); **A61M 16/024** (2017.08 - EP US); **A61M 16/0666** (2013.01 - EP US); **A61M 16/204** (2014.02 - EP); **A61M 2016/0015** (2013.01 - CN EP); **A61M 2202/02** (2013.01 - CN US); **A61M 2202/0266** (2013.01 - CN); **A61M 2202/0275** (2013.01 - CN US); **A61M 2202/03** (2013.01 - CN EP); **A61M 2205/3331** (2013.01 - CN EP US); **A61M 2205/3334** (2013.01 - CN EP US); **A61M 2205/3368** (2013.01 - CN EP US); **A61M 2205/3606** (2013.01 - CN EP); **A61M 2205/3673** (2013.01 - CN EP US); **A61M 2205/50** (2013.01 - CN EP); **A61M 2205/8206** (2013.01 - CN EP US)

C-Set (source: CN EP)
CN
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2. **A61M 2202/0266 + A61M 2202/0007**
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EP
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WO 2018226928 A1 20181213; CN 111194230 A 20200522; CN 111194230 B 20230421; CN 116236665 A 20230609; EP 3634554 A1 20200415; EP 3634554 B1 20231108; EP 4285977 A2 20231206; EP 4285977 A3 20240214; JP 2020523100 A 20200806; JP 2023085537 A 20230620; JP 7263261 B2 20230424; JP 7473706 B2 20240423; US 11577042 B2 20230214; US 2020114110 A1 20200416; US 2023191069 A1 20230622

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